

Semestre 9 - Control Architecture Computer Science and Embedded Systems (ACISE)



ECTS
30 credits



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

- **Amety's Code:** M8FQM46A
- **Open to exchange students:** Yes

List of courses

	Nature	CM	TD	TP	Crédits
SYSTEMS CONTROL, FILTERING AND DIAGNOSTIC	UE				5 credits
Filtering estimation	Matière				
System Monitoring and Diagnostics	Matière				
Multidimensional Systems	Matière				
OPTIMISATION DES SYSTEMES ET LEUR COMMANDE	UE				5 credits
Robust control	Matière				
Optimal Control	Matière				
Combinatorial optimization	Matière				
Opti TER	Matière				
Linear programming and unimodularity	Matière				
Continuous optimization	Matière				
MODELING, ANALYSIS, SIMULATION OF DISCRETE SYSTEMS	UE				5 credits
Modeling and analysis of discrete systems	Matière				
Simulation of discrete event systems	Matière				
Planning and Scheduling	Matière				
Hybrid Dynamic Systems	Matière				
Flexible Workshop TER	Matière				
ADVANCED CONTROLLED SYSTEMS	UE				5 credits
Adaptive and predictive controls	Matière				
Aeronautical systems	Matière				
Robotics: Modeling and Control	Matière				
Advanced Control TER	Matière				
Electrical Systems Control	Matière				
ADVANCED CRITICAL COMPUTING SYSTEMS	UE				5 credits
IT Security	Matière				
IT operational security	Matière				
Safety Testing and Evaluation	Matière				
Development of critical computer systems	Module				
SOFT AND HUMAN SKILLS 3EA S9	UE				5 credits
Professional English-LV1-Semestre 9	Bloc				
Anglais Scientifique	Matière				
Choix 2 Anglais Professionnel - 3A	Choix				
Anglais Clinique	Matière				
Anglais de Cambridge ou Projet	Matière				
CV Entretiens(3EA)	Matière				
Recherche doc.(3EA)	Matière				
CHOIX Careers and Management 3EA S9	Choix				
Entrepreneurship Project	Matière				
Corporate Project and Social Responsibility	Matière				